

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001780

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60K 6/06, H02K 7/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H02K, B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 19718480 A1 (SIEMENS AG), 6 November 1997 (06.11.1997), column 1, line 3 - column 7, line 36, figure 1, abstract --	1-17
A	US 5124605 A (JACK G. BITTERLY ET AL), 23 June 1992 (23.06.1992), figure 2, abstract --	1-17
A	US 4163187 A (SERGE J.H. THOMAS), 31 July 1979 (31.07.1979), column 1, line 58 - column 2, line 10, figures 2,3 --	1-17

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

2 February 2004

Date of mailing of the international search report

17-02-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 8200117 A1 ("EKLAMA" SCHALTANLAGENBAU-GESELLSCHAFT M.B.H.), 21 January 1982 (21.01.1982), abstract, see figure 1 and esp. fig 3 --	1-17
A	EP 0437266 A2 (MAGNET-MOTOR GESELLSCHAFT FÜR MAGNETMOTORISCHE TEKNIK MBH), 10 January 1991 (10.01.1991), figure 1, abstract, see whole document --	1-17
A	FR 2806979 A1 (RENAULT), 5 October 2001 (05.10.2001), figure 1, abstract -----	1-17

INTERNATIONAL SEARCH REPORT
Information on patent family members

24/12/2003

International application No. PCT/SE 2003/001780	
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DE	19718480	A1	06/11/1997	NONE	
US	5124605	A	23/06/1992	AT	161127 T 15/12/1997
				AU	664984 B 14/12/1995
				AU	683193 B 30/10/1997
				AU	1232692 A 17/08/1992
				AU	4810296 A 20/06/1996
				BR	9205459 A 05/04/1994
				CA	2100260 A 12/07/1992
				CZ	9301363 A 15/02/1995
				DE	69223501 D 00/00/0000
				EP	0566678 A,B 27/10/1993
				JP	6506754 T 28/07/1994
				SK	72593 A 10/11/1993
				US	5268608 A 07/12/1993
				US	5466977 A 14/11/1995
				US	5729903 A 24/03/1998
				US	6138527 A 31/10/2000
				WO	9212566 A 23/07/1992
US	4163187	A	31/07/1979	BR	7600032 A 03/08/1976
				CA	1081776 A 15/07/1980
				CA	1112298 A 10/11/1981
				DE	2600035 A,B,C 15/07/1976
				DE	2660017 B 15/03/1979
				ES	444161 A 01/08/1977
				FR	2297513 A,B 06/08/1976
				GB	1513270 A 07/06/1978
				IT	1052906 B 31/08/1981
				JP	51095209 A 20/08/1976
				JP	56171570 U 18/12/1981
				SE	419922 B,C 31/08/1981
				SE	7513983 A 12/07/1976
				ZA	7600124 A 30/11/1977
WO	8200117	A1	21/01/1982	DE	3152165 D 00/00/0000
				JP	57501159 T 01/07/1982
EP	0437266	A2	10/01/1991	SE	0437266 T3
				AT	145368 T 15/12/1996
				DE	4000678 A 18/07/1991
				DE	59108349 D 00/00/0000
				DK	437266 T 28/04/1997
FR	2806979	A1	05/10/2001	NONE	